

Overview

KEMET's PYR resistors are wire wound on a ceramic core and coated with high temperature silicone. The mounting brackets are made of stainless steel and connected by two point spotwelding. PYR resistors are for use in voltage balancing and/or discharge of electrolytic capacitors, are easy to mount and fit capacitor diameters 50 – 90 mm.

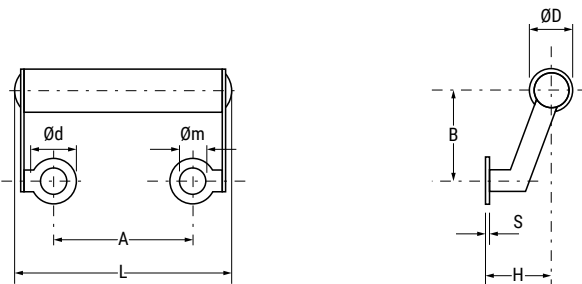
Applications

KEMET's PYR resistors can be used for voltage balancing of series connected electrolytic can-type capacitors and/or discharge purposes.

Performance Characteristics

Item	Specification
Standards	CECC 40201, MIL-R26E
Resistance Range	10 – 47 k Ω
Resistance Tolerance	+/-5%
Rated Voltage	700 VDC acc. to CECC 40201-003
Temperature Range	-55 to +105°C

Dimensions PYR – Millimeters



Type	A	L	d	m	B	H	S	D	Weight
		± 1	± 2			± 1	± 1	Maximum	Approximate (g)
PYR 5008	22.0*	40	10.6	6.3	21	15	0.4	10	9
PYR 7511	32.0	50	10.6	6.3	21	15	0.4	10	11

* Brackets are adjustable up to A = 28.5

Balancing and Discharge Resistor

Part Number Table PYR					
Part Number Code	R (k Ω)*	P max (Ω) 40°C	P max (Ω) 85°C	P max (Ω) 105°C	Fits Capacitor Diameter
PYR 5008/47	47	10	8	7	50 – 65
PYR 7511/10	10	13	11	10	75 – 90
PYR 7511/18	18	13	11	10	75 – 90
PYR 7511/27	27	13	11	10	75 – 90
PYR 7511/47	47	13	11	10	75 – 90

* Other R values available upon request

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